

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of CARPER ET AL. :  
: Application No.: 10/758,250 : Group Art Unit: 1734  
: Application Filed: 15-Jan-2004 : Examiner Mayes

For: HYBRID CERAMIC MATRIX COMPOSITE TURBINE BLADES FOR  
IMPROVED PROCESSIBILITY AND PERFORMANCE

**AMENDMENT UNDER 37 CFR §1.116**

Mail Stop Non-Fee AF  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Sir:

Please consider the following Response for the above-referenced Application.

**A.) INTRODUCTORY COMMENTS**

This Response is filed in response to the Final Office Action dated April 11, 2007.

The **Amendments to the Specification** section begins on page 2 of this Response.

The **Amendments to the Claims** section begins on page 3 of this Response.

The **Amendments to the Drawings** section begins on page 6 of this Response and any amendments to the drawings include both an attached replacement sheet and an annotated sheet showing any changes.

The **Remarks/Arguments** section begins on page 7 of this Response.